| Index | of | Cla | ain | ns |
|-------|----|-----|-----|----|
| | | | | |



Application/Control No.

10/630,144 Examiner

THOMAS ET AL. Art Unit

Reexamination

Applicant(s)/Patent under

Samson B. Lemma

2132

| √ | Rejected |
|----------|----------|
| = | Allowed |

(Through numeral) Cancelled Restricted

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | L | <u> </u> | | | | | | L | |
|----------|--|-------------------|-------------|----------------|----------|--|-------------|--|------------|----------|
| | | | | | | | | | | |
| Cla | aim _ | Date | | | | | | | |] |
| | I | | | | | | | | | |
| ल | E | 2/25/07 | | | | | | | | |
| Final | <u>:</u> g | 25 | | | | | | | | |
| ۱ - | ΙŌ | 12 | | | | | | | | |
| - | //> | | | _ | _ | \vdash | | _ | \vdash | \vdash |
| | U | Υ. | _ | _ | _ | _ | | _ | _ | \vdash |
| <u> </u> | 2_ | Щ | | | | | | | | |
| L | 3_ | Ш | | _ | | L | | | | |
| 1 | 4 | | L | | | | | | | |
| | 5 | | | | | | | | | |
| | 6 | | | | | | | | | |
| | 3 4 5 6 7 | | | | | | | | _ | |
| | 8 | \mathbf{H} | | \vdash | _ | \vdash | | _ | _ | \Box |
| <u> </u> | - | ╫ | _ | _ | - | _ | _ | | | \vdash |
| <u> </u> | 10 | H | | H | | - | | \vdash | Н | Н |
| _ | 10 | - | _ | - | - | | | - | _ | Н |
| <u> </u> | 11 | | <u> </u> | <u> </u> | | ļ | | ļ | ļ | Н |
| <u></u> | 12 | V | _ | _ | | L | | Ш | ļ | Ш |
| L | 13 | 0 | | | | | | | | Ш |
| | (14) | ✓ | | | | | | | | |
| | 8 9 10 11 12 13 15 16 17 18 19 20 21 22 23 24 | \prod | | | | | | | | |
| | 16 | П | | | | | | | | П |
| | 17 | Η | _ | | | | | | | П |
| — | 18 | + | | | - | _ | | - | - | \vdash |
| - | 10 | H | \vdash | _ | _ | - | | | - | Н |
| ├ | 20 | H | _ | | | | _ | | _ | Н |
| <u></u> | 20 | 4 | | - | | \vdash | | | | Н |
| | 21 | 4 | | _ | _ | L | _ | | _ | Ш |
| | 22 | | | | | | | | L_ | Ш |
| | 23 | | | | | | | | | |
| | 24 | | | | | | | | | |
| | 25 | П | | | | | | | | |
| | 26 | | | | | | | | | П |
| - | 27 | 1 | | | | Т | | | | П |
| | (28) | V | / | \vdash | - | \vdash | | \vdash | \vdash | Н |
| | 20 | ~ | ⊢ | H | - | \vdash | \vdash | \vdash | - | |
| <u> </u> | 29 | H | | - | - | \vdash | <u> </u> | | _ | \vdash |
| <u></u> | 25 26 27 28 29 30 31 32 | H | <u> </u> | <u> </u> | <u> </u> | \vdash | _ | | <u> </u> | \vdash |
| <u></u> | 31 | 1 | <u> </u> | | <u> </u> | \vdash | | \vdash | \vdash | |
| | 32 | \coprod | L | L | L. | _ | L. | L | \perp | Ш |
| | 33 | | L | | | | L. | | | |
| | 33 34 (35) | | | L | L | L | | | L | |
| | (35) | V | | | | | | | | |
| | 36 | 1 | | | Г | Γ | | | | |
| | 37 | H | _ | _ | \vdash | \vdash | _ | \vdash | T - | H |
| | 38 | ╅ | \vdash | \vdash | - | | | | <u> </u> | |
| | 39 | ╁ | \vdash | ├ | | \vdash | | - | \vdash | \vdash |
| .— | | H | \vdash | - | | \vdash | ├ | - | ├- | Н |
| - | 40 | 1 | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | \vdash | Н |
| <u></u> | 41 | Ш | _ | <u> </u> | | \vdash | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$ | <u>L</u> . | Ш |
| | 42 | \perp | L | $oxed{oxed}$ | <u> </u> | <u> </u> | | <u> </u> | | Ш |
| L | 43 | $\prod_{i=1}^{n}$ | L | L | L | L | L | L | L. | Ш |
| | 44 | П | | | | | | | | |
| | (45) | V | | \vdash | \vdash | | | | | П |
| | 46 | ン | | \vdash | \vdash | | _ | Г | | М |
| | 47 | 7 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | <u> </u> | Н |
| | 48 | | \vdash | \vdash | \vdash | - | \vdash | | - | Н |
| <u> </u> | 40 | 1 | <u> </u> | | ├- | ⊢ | <u> </u> | - | - | Н |
| <u> </u> | 49 | 1 | \vdash | _ | <u> </u> | \vdash | <u> </u> | <u> </u> | | Н |
| L | (50) | V | <u></u> | | L | L | <u> </u> | | | ليا |

| Cla | Claim | | | Date | | | | | | | | | |
|-------------|----------------------------------|--------------|--------------|--------------|--------------|----------|--------------|--------------|---------------|----------|--|--|--|
| | | | | | | | | | | | | | |
| ا ــ | Original | | | | | | | | | | | | |
| Final | į | | | | | | | | | | | | |
| ۱ ۳ | ŏ | | | | . : | | | | | | | | |
| | | Ļ | | L. | | | | | ٠. | | | | |
| | 51 | (| | | | | | | | | | | |
| | 52 | 45 | | | | | | | | | | | |
| | (53) | ~ | _ | | | | | | | | | | |
| | 54 | 7 | | | | | _ | | | | | | |
| | 51 52 53 54 55 56 | 1 | - | Н | - | | | _ | | | | | |
| | 22 | | - | - | - | | | - | _ | | | | |
| - | 50 | ~ | - | | - | - | | | _ | _ | | | |
| | 57 | <u> </u> | | Ш | | | | | _ | | | | |
| <u></u> | 58 | L | | Ш | | | | | | | | | |
| | 59 | $oxed{oxed}$ | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | |
| | 61 | | | | | | | | | | | | |
| | 62 | | | | | | | | | | | | |
| | 63 | Н | П | Н | \vdash | | | | \vdash | | | | |
| \vdash | 64 | \vdash | | H | - | | H | | | - | | | |
| - | 63 64 65 | \vdash | - | - | H | | Н | | | \vdash | | | |
| - | 05 | <u> </u> | - | \vdash | <u> </u> | | Н | | | \vdash | | | |
| | 66 67 | \vdash | Щ | | <u> </u> | | Щ | ļ., | L_ | Ш | | | |
| ļ | 67 | L_ | | Ш | Ш | | | _ | | | | | |
| L | 68 | | | | | | | L | | | | | |
| | 69 | | | | | | | | | | | | |
| | 70 | | | | | | | | | | | | |
| - | 71 | | _ | _ | | _ | | | | П | | | |
| | 71 72 73 | | | H | | _ | - | - | - | \vdash | | | |
| \vdash | 72 | - | | - | - | | | _ | - | - | | | |
| | 73 | - | - | - | | | | | <u> </u> | | | | |
| | 74 75 | _ | | - | | _ | | | <u> </u> | Ш | | | |
| <u> </u> | 75 | | _ | | | | | | | | | | |
| L | 76 | | | | | | | | | | | | |
| 1 | 77 | | | | | | | | | | | | |
| | 78 | | | | | | | | | | | | |
| | 79 80 | | | | | | | _ | | | | | |
| | 80 | | | | | | | | _ | П | | | |
| \vdash | 81 | ┝ | | H | | | | _ | - | H | | | |
| \vdash | | - | \vdash | - | | - | \vdash | | \vdash | Н | | | |
| - | 82 | - | \vdash | - | | | - | - | ├ | \vdash | | | |
| | 83 | — | \vdash | \vdash | \vdash | Ь. | | _ | <u> </u> | Ш | | | |
| | 84 | <u> </u> | <u> </u> | _ | <u> </u> | ш | | <u> </u> | <u> </u> | Щ | | | |
| ļ | 85 | _ | | L_ | <u> </u> | | Ш | | <u> </u> | Ш | | | |
| L | 86 | | L | L | | | | | L | | | | |
| | 87 | | | | | | | | L | | | | |
| | 88 | | | | | | | | | | | | |
| | 89 | П | | П | Г | | <u> </u> | | | | | | |
| - | 90 | \vdash | \vdash | | _ | \vdash | \vdash | | \vdash | Н | | | |
| \vdash | 90 91 | - | - | | \vdash | \vdash | | - | - | Н | | | |
| - | 31 | \vdash | <u> </u> | \vdash | ┝ | | | - | \vdash | \vdash | | | |
| - | 92 | - | - | <u> </u> | - | \vdash | <u> </u> | <u> — </u> | <u> </u> | Н | | | |
| | 93 | <u> </u> | ļ | | L | L. | <u> </u> | L | L | Ľ | | | |
| | 94 | | $oxed{oxed}$ | | | _ | <u> </u> | | | \Box | | | |
| | 95 | L | L | L^{T} | | L | | | | | | | |
| | 96 | · · · | | Ī | | | | | | Π | | | |
| | 97 | T | _ | T | | | Г | | | П | | | |
| - | 98 | | <u> </u> | H | _ | \vdash | \vdash | Н | \vdash | Н | | | |
| | 99 | - | \vdash | | - | \vdash | \vdash | \vdash | \vdash | Н | | | |
| - | | \vdash | ├ | | - | ├ | - | ⊢ | ├- | - | | | |
| i | 100 | 1 | ı | i | l | l | 1 | l | l | | | | |

| | Claim Date | | | | | | $\overline{}$ | | | |
|-------|--|--|----------|--------------|--|----------|---|----------|----------|-----------------|
| Cla | aim | Date | | | | | | | | |
| Final | Original | | | | | | | | | |
| | 101 102 | | | | | | | | | |
| | 102 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 103 104 105 | | | | | | _ | | | Н |
| | 105 | | | | | | Ш | _ | - | \blacksquare |
| | 106 | | | _ | | | _ | | | |
| | 106 107 108 109 | \vdash | | | | _ | \vdash | | - | - |
| | 100 | | | | | | \vdash | | | \dashv |
| | 110 | | _ | | | | | _ | \neg | \neg |
| | 111 | | | | | | | | | П |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | | | _ | | $ldsymbol{ld}}}}}}}$ | | | Щ |
| | 110 111 112 113 114 115 116 117 118 119 120 121 | | | | | _ | \vdash | - | Ш | $\vdash \vdash$ |
| | 117 | <u> </u> | | _ | | _ | _ | | | \dashv |
| | 118 | \vdash | - | _ | _ | | | | | \dashv |
| | 120 | - | | Н | | _ | | _ | _ | Н |
| | 121 | | - | H | \vdash | | | | | |
| | 122 | H | | | _ | _ | <u> </u> | | | |
| | 123 | | _ | - | | | | | | |
| | 124 | | | | \Box | _ | | | | |
| | 125 | | | | | | | | | |
| | 122 123 124 125 126 127 128 129 | | | | | | | | | |
| | 127 | lacksquare | | <u> </u> | _ | | | | | Ш |
| | 128 | _ | | | _ | | | _ | | Ш |
| | 129 | _ | _ | _ | <u> </u> | | <u> </u> | _ | _ | Н |
| | 130 131 132 | <u> </u> | <u> </u> | _ | - | | <u> </u> | <u> </u> | | Н |
| | 132 | | - | _ | - | | | \vdash | \vdash | \vdash |
| | 133 | \vdash | - | - | | | - | \vdash | \vdash | Н |
| - | 133 134 | | \vdash | \vdash | - | _ | - | - | | Н |
| | 135 | | \vdash | | | | | _ | Г | П |
| | 136 | | | | | | | Г | | П |
| | 137 | | | | | | | | | |
| | 138 139 | | | | | | | _ | | |
| | 139 | _ | _ | L_ | <u> </u> | <u> </u> | L. | L | | Щ |
| | 140 | _ | <u> </u> | <u> </u> | <u> </u> | 匚 | <u> </u> | <u> </u> | _ | |
| | 141 | - | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | - | - | Н |
| | 142 143 | - | ├─ | | | ┝ | <u> </u> | ├- | - | \vdash |
| | 144 | - | \vdash | \vdash | ├ | - | \vdash | \vdash | \vdash | Н |
| | 145 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | H | $\vdash \vdash$ |
| | 146 | | ┢ | | | | \vdash | \vdash | _ | Н |
| | 147 | | \vdash | t^- | \vdash | Г | 一 | | T | H |
| | 148 | Г | | | | | | | | П |
| | 149 | | | | | | | | | |
| | 150 | | | | | | | | | |
| | | | | | | | | | | |